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(54) Title: COMPOSITION FOR ATTRACTING BLOOD SUCKING ARTHROPODS AND FRUIT FLIES

(57) Abstract: The present invention is directed to a composition for attracting blood sucking arthropods and fruit flies. Furthermore, the present invention is directed to a method of attracting blood sucking arthropods and fruit flies and to a kit or trap, comprising the components of said composition.

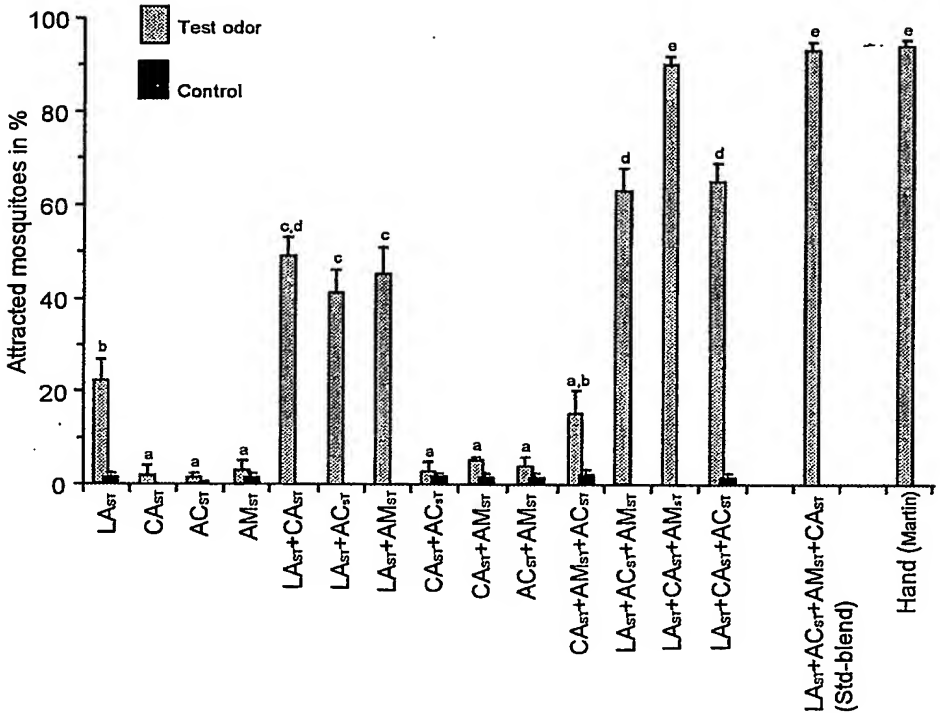


Fig. 1. Responses of female *A. aegypti* to different combinations of four components of human body odor.

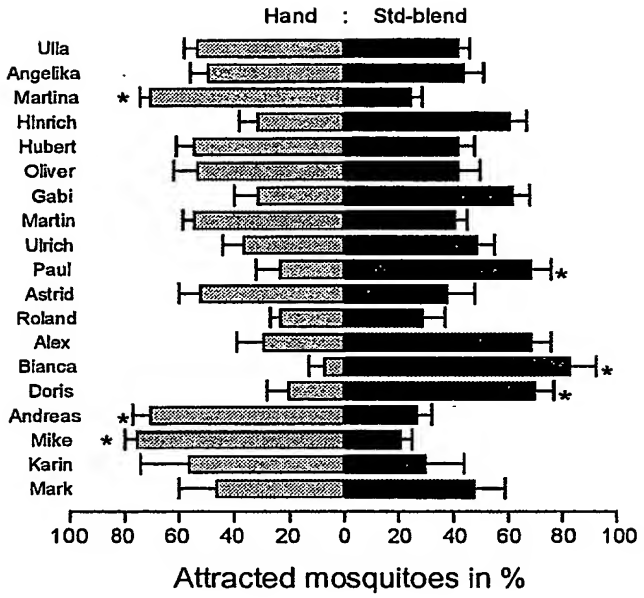


Fig. 2. Mosquitoes' choice between the human hand and the standard blend.

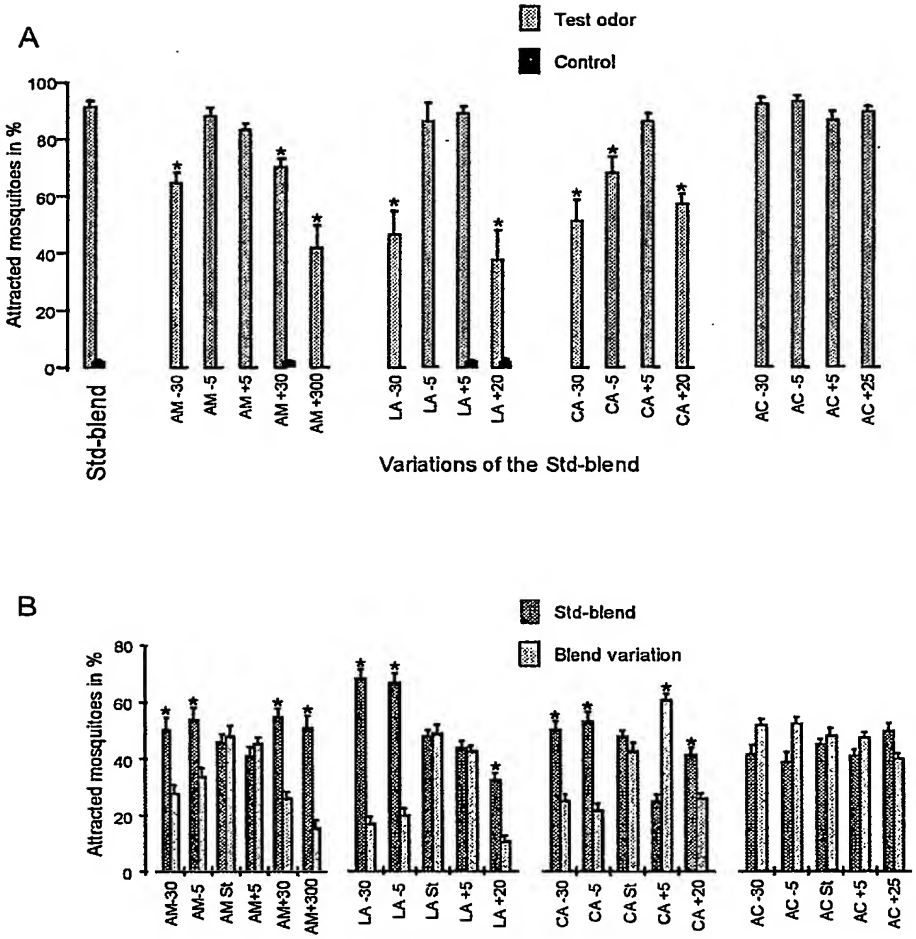


Fig. 3. Behavioral responses to varying proportions of each component in the synthetic blend.

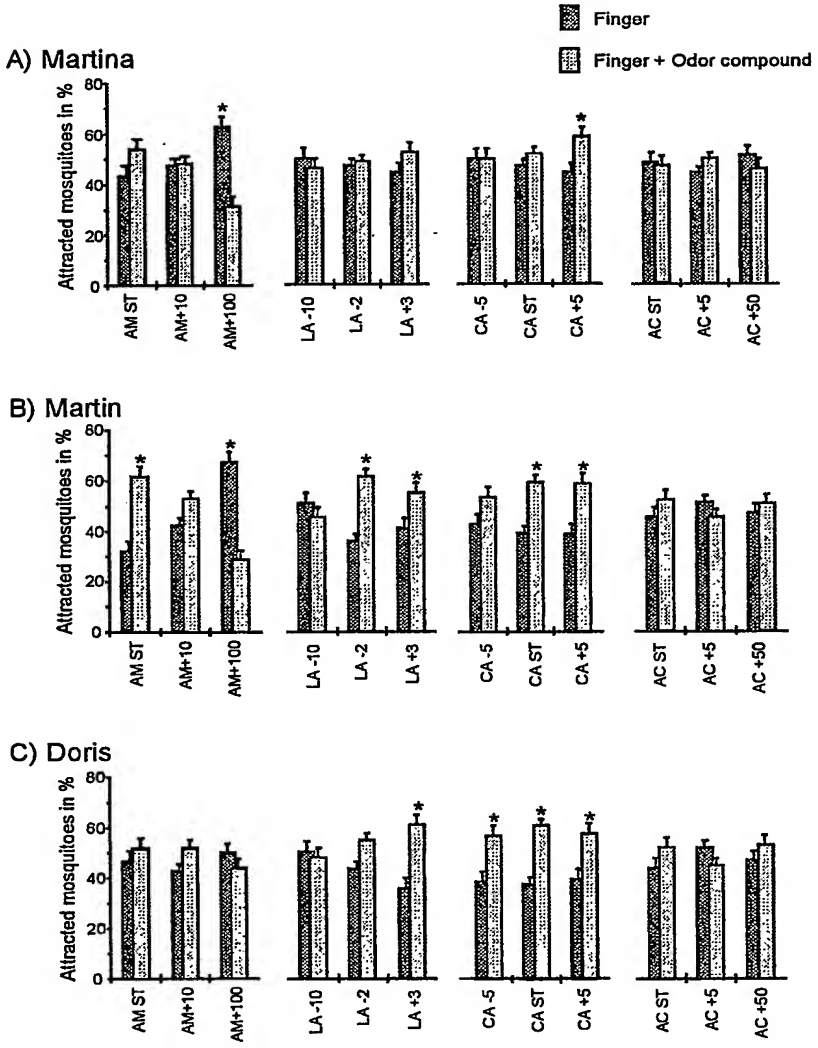
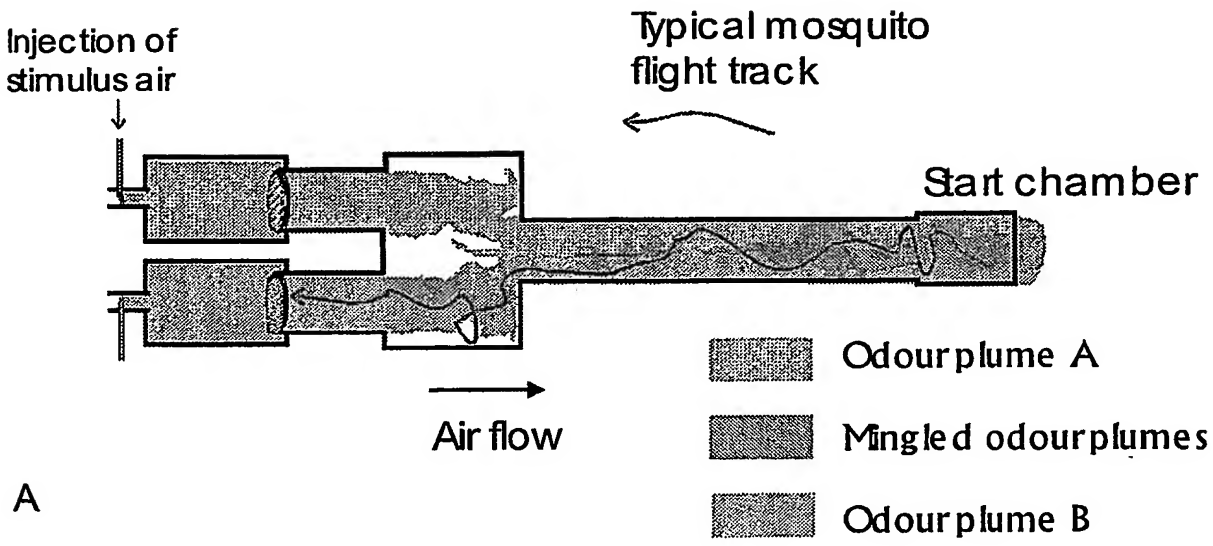


Fig. 4. Behavioral effect of adding synthetic odor compound to natural blends of humans



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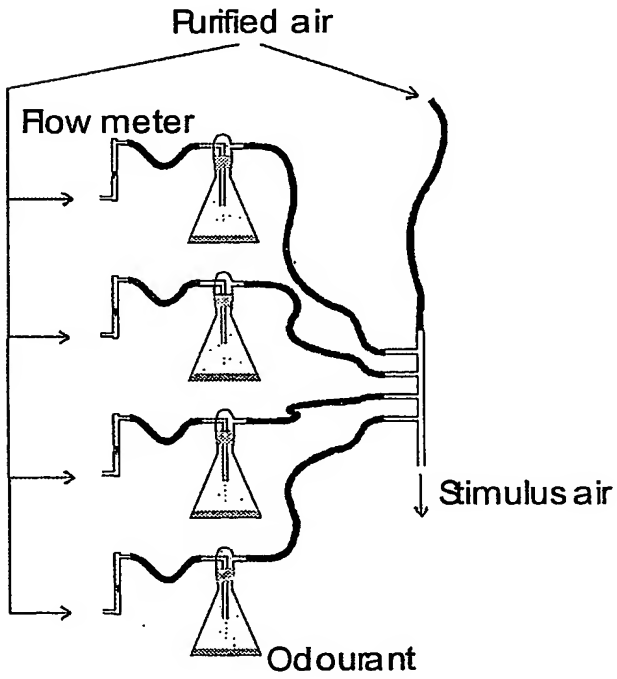

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Fig.5: Experimental device

INTERNATIONAL SEARCH REPORT

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PCT/EP 03/05980

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01N37/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
CHEM ABS Data, WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BOSCH, OLIVER J. ET AL: "Contribution of fatty acids to olfactory host finding of female Aedes aegypti" retrieved from STN Database accession no. 133:235483 XP002253592 abstract & CHEMICAL SENSES (2000), 25(3), 323-330 , --- -/--	1-24

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[ ] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
5 September 2003	24/09/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; GEIER, MARTIN ET AL: "Ammonia as an attractive component of host odor for the yellow fever mosquito, Aedes aegypti" retrieved from STN Database accession no. 132:191976 XP002253593 abstract & CHEMICAL SENSES (1999), 24(6), 647-653 ,	